**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Chewning et al.**  
Application Serial No.: **09/649,478**  
Filed: **August 28, 2000**  
For: **Method and Systems of Network Management**  
Patent No.: **N/A**  
Issue Date: **N/A**

Mail Stop:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**  
**(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above-identified:

☒ application,  
☐ patent

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**REVOCATION OF PRIOR POWERS OF ATTORNEY**

**Technology Center 2600**

all powers of attorney previously given are hereby revoked and

**NEW POWER OF ATTORNEY**

I/we hereby appoint all of the following attorneys and agents of Thomas, Kayden, Horstemeyer & Risley, LLP/BellSouth IP Corp., who are listed under the USPTO Customer Number shown below as my/our attorneys and agents to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys and agents listed under that Customer Number may be changed from time to time at the sole discretion of Thomas, Kayden, Horstemeyer & Risley, LLP/BellSouth IP Corp., and request that all correspondence be addressed to the address filed under the same USPTO Customer Number.

**38823**



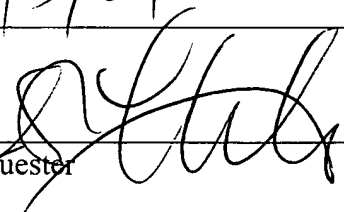
2665

## CERTIFICATE OF MAILING

I hereby certify that the below listed items are being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

**Box:**  
**Commissioner for Patents**  
**P. O. Box 1450**  
**Alexandria, VA 22313**

on 4/5/04

  
Jeffrey R. Kuester

In re application of: **Chewning, et al.**

Application Serial No. **09/649,478**

Filing Date: **August 28, 2000**

Title: **Method and Systems of Network Management**

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**APR 12 2004**

**Technology Center 2600**

The following is a list of documents enclosed:

- Return Postcard
- Power of Attorney by Assignee or Entire Interest (Revocation of Prior Powers)
- Certificate under 37 CFR 3.73(b)
- Change of Correspondence Address

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Customer No.: **38823**

Direct correspondence and telephone calls to:

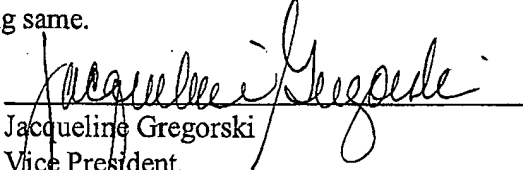
Jeffrey R. Kuester, Esq.  
**THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.**  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339  
770-933-9500

**ASSIGNEE OF ENTIRE INTEREST**

**BELLSOUTH INTELLECTUAL PROPERTY CORPORATION**  
824 Market Street  
Wilmington, DE 19801

**ASSIGNEE CERTIFICATION**

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same.

  
\_\_\_\_\_  
Jacqueline Gregorski  
Vice President,  
Patent and Trademark Procurement

Date: 4-5-2004

Docket No.: 190252-1250 (BLS-99144)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Chewning et al.**  
Application Serial No.: **09/649,478**  
Filed: **August 28, 2000**  
For: **Method and Systems of Network Management**

Mail Stop  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)**  
**ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee of the entire right, title and interest hereby seeks to take action in the PTO in this matter.

**IDENTIFICATION OF ASSIGNEE**

2. The assignee of this matter is a corporation known as:

***BELLSOUTH INTELLECTUAL PROPERTY CORPORATION***

**PERSON AUTHORIZED TO SIGN**

3. Jacqueline Gregorski  
Vice President, Patent and Trademark Procurement

4. A chain of title from the inventor(s) to the current assignee is shown below:

a. From: **Ward M. Chewning III, Fariborz Behi, Martin Alan Cooper**  
To: **BellSouth Intellectual Property Corporation**  
*Submitted to PTO on: April 5, 2004 for recordation (copy enclosed)*

## DECLARATIONS

5. I, the undersigned, have reviewed all the documents in the chain of title of the

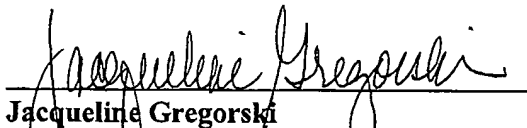
☒  
☐

application  
patent

matter identified above and, to the best of my knowledge and belief, title is in the assignee identified above.

6. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7. I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.

  
**Jacqueline Gregorski**  
Vice President, Patent and Trademark Procurement

BelSouth Intellectual Property Corporation  
824 Market Street, Suite 901  
Wilmington, DE 19801

Docket No. 190252-1250 (BLS-99144)

# RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying part(ies):

1) Ward M. Chewning III, 2) Fariborz Behi, 3) Martin Alan Cooper

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies)

Name: BellSouth Intellectual Property Corp.

Street Address: 824 Market Street, Suite 901  
Wilmington, DE 19801

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: 1) April 2, 2004; 2) April 2, 2004;  
3) April 2, 2004

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APR 12 2004

Technology Center 2600

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent application No.(s)

B. Patent No.(s)

09/649,478

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Jeffrey R. Kuester  
Thomas, Kayden, Horstemeyer & Risley, L.L.P.  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339-5948

## 6. Total number of applications/patents involved: [ 1 ]

## 7. Total fee (37 CFR 3.41) \$ 40.00

- ☐ Enclosed  
☒ Authorization to charge credit card (attached)

## 8. Deposit Account Number:

20-0778

(Attach duplicate copy of this page if paying by Deposit Account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffrey R. Kuester

Typed Name

Signature

Date

Docket #: 190252-1250

Total number of pages including cover sheet, attachments, and document: [7]

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

## PATENT ASSIGNMENT

WHEREAS, I, **Ward M. Chewning III**, a citizen of **the United States**, residing at **460 Thornbush Trace**, City of **Lawrenceville**, State of **Georgia**, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled **Method and Systems of Network Management**, filed with the United States Patent and Trademark Office on **August 28, 2000**, assigned serial number **09/649,478**, and listing as inventor(s): **Ward M. Chewning III, Fariborz Behi, Martin Alan Cooper**;

WHEREAS, **BellSouth Intellectual Property Corporation**, a Corporation of the State of Delaware, having a place of business at 824 Market Street, Suite 901, Wilmington, DE 19801, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Ward M. Chewning III**, by these presents do sell, assign and transfer unto **BellSouth Intellectual Property Corporation**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents and reissues that may be granted in the United States for the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications or aforementioned applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before any making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to, **BellSouth**

**Intellectual Property Corporation** as Assignee, for their interest and for the sole use and behoof of **BellSouth Intellectual Property Corporation** and their assigns and legal representatives;

For the same consideration, I, by these presence do sell, assign and transfer to **BellSouth Intellectual Property Corporation** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **BellSouth Intellectual Property Corporation** and or their respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **BellSouth Intellectual Property Corporation** their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

April 2, 2004

Date

Ward M. Chewning III  
Ward M. Chewning III

STATE OF Georgia

COUNTY OF Coweta

Before me, a Notary Public in and for the State of GA, on this 2nd day of April, 2004, personally appeared **Ward M. Chewning III**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Thomas M. James  
NOTARY PUBLIC

My Commission

Notary Public, Coweta County, Georgia  
My Commission Expires Dec. 18, 2005



Mel

## PATENT ASSIGNMENT

WHEREAS, I, <sup>a</sup>Martin Alén Cooper, a citizen of the United States, residing at 1530 Chevron Drive, City of Atlanta, State of Georgia, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled **Method and Systems of Network Management**, filed with the United States Patent and Trademark Office on August 28, 2000, assigned serial number 09/649,478, and listing as inventor(s): Ward M. Chewning III, Fariborz Behi, <sup>a</sup>Martin Alén Cooper;

WHEREAS, **BellSouth Intellectual Property Corporation**, a Corporation of the State of Delaware, having a place of business at 824 Market Street, Suite 901, Wilmington, DE 19801, is desirous of acquiring an interest in the same;

COPY

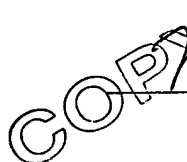
NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, <sup>a</sup>Martin Alén Cooper, by these presents do sell, assign and transfer unto **BellSouth Intellectual Property Corporation**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents and reissues that may be granted in the United States for the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications or aforementioned applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before any making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to, **BellSouth**

Intellectual Property Corporation as Assignee, for their interest and for the sole use and behoof of BellSouth Intellectual Property Corporation and their assigns and legal representatives;

For the same consideration, I, by these presence do sell, assign and transfer to **BellSouth Intellectual Property Corporation** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **BellSouth Intellectual Property Corporation** and or their respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **BellSouth Intellectual Property Corporation** their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

4/2/04  
Date

  
\_\_\_\_\_  
Martin Alan Cooper

STATE OF Georgia

COUNTY OF Coweta

Before me, a Notary Public in and for the State of GA, on this 2nd day of April, 2004, personally appeared **Martin Alan Cooper**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

  
NOTARY PUBLIC

My Commission Expires Dec. 18, 2005  
Notary Public, Coweta County, Georgia

## PATENT ASSIGNMENT

WHEREAS, I, **Fairborz Behi**, a citizen of **the United States**, residing at **14525 Eighteenth Fairway**, City of **Alpharetta**, State of **Georgia**, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled **Method and Systems of Network Management**, filed with the United States Patent and Trademark Office on **August 28, 2000**, assigned serial number **09/649,478**, and listing as inventor(s): **Ward M. Chewning III, Fariborz Behi, Martin Alan Cooper**;

WHEREAS, **BellSouth Intellectual Property Corporation**, a Corporation of the State of Delaware, having a place of business at 824 Market Street, Suite 901, Wilmington, DE 19801, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Fairborz Behi**, by these presents do sell, assign and transfer unto **BellSouth Intellectual Property Corporation**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents and reissues that may be granted in the United States for the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications or aforementioned applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before any making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to, **BellSouth Intellectual Property Corporation** as

Assignee, for their interest and for the sole use and behoof of **BellSouth Intellectual Property Corporation** and their assigns and legal representatives;

For the same consideration, I, by these presence do sell, assign and transfer to **BellSouth Intellectual Property Corporation** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **BellSouth Intellectual Property Corporation** and or their respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **BellSouth Intellectual Property Corporation** their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

4/2/2004  
Date

**COPY** Fairborz Behi  
Fairborz Behi

STATE OF Georgia COUNTY OF Coweta

Before me, a Notary Public in and for the State of GA, on this 2nd day of April, 2004, personally appeared **Fairborz Behi**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

[Signature]  
NOTARY PUBLIC

My Commission Expires Dec. 18, 2005  
Notary Public, Coweta County, Georgia